

Application No.: 09/393,718

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Docket No.: 324212009101

REMARKS**Claim Status**

The Office indicates claims 10-28 are pending in this application and claims 10-28 stand rejected. In this response, claims 10-14, 16-24 and 26-28 are amended. Accordingly, claims 10-28 are currently under consideration.

The amendments to claims 10-14, 16-24 and 26-28 are fully supported by the original specification. Therefore no new matter is added. Thus, the Applicants believe that claims 10-28 are allowable.

Rejection of claims 10, 19 and 20 under 35 U.S.C. 112

The Office rejected claims 10, 19 and 20 under 35 U.S.C. 112, first paragraph for allegedly failing to meet the written description requirement because the "data structure indexed" subject matter claimed in claims 10, 19 and 20 are not reasonably conveyed in the specification.

In response to the rejection, claims 10, 19 and 20 have been amended to "data structure associated with". See page 4, lines 33-37 and page 5, lines 18-26 for support. Therefore, Applicants respectfully request that the rejection of claims 10, 19 and 20 under 35 U.S.C. 112, first paragraph be withdrawn.

Rejection of claims 10-14 and 19-24 under 35 U.S.C. 102(e)

The Office rejected claims 10-14 and 19-24 under 35 U.S.C. 102(e) as allegedly being anticipated by D'Arlach et al. (US 6,026,433) ("D'Arlach").

The Applicants respectfully disagree. Claims 10, 19 and 20 have been amended to recite that real-time information is stored in a "shared local storage device." The real-time information includes stock quotes, for example, and is used to fill a user template and generate the user's customized page. For example:

In one embodiment, user preferences are organized into templates stored in compact data structures and the live data used to fill the templates is stored local to the page server which is handling user requests for custom pages. (Page 2, lines 25-29) (Emphasis added)

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One aspect of the present invention is the realization that every piece of information a person can request on a page is storable in a shared memory closely coupled to a page generator. For example, page server 104 shown in FIG. 2 can accommodate 65,000 different symbols for which quotes are provided. In one embodiment, all of the stock information for all 65,000 symbols is stored in a 13 to 14 megabytes section of the shared memory. (Page 6, lines 31-39) (Emphasis added)

In contrast, D'Arlach does not disclose or suggest a shared local storage device for storing real-time information. (See D'Arlach, Fig. 2). D'Arlach instead discloses a customized web site using a Common Gateway Interface (CGI) script, a type of server software program, to retrieve real-time information to populate customized web pages. (D'Arlach, col. 4, lines 29-51, col. 6, lines 12-16). In fact, the Background section of the present application provides an example of a CGI script polling different servers (e.g., stock quote server, sports score server) storing real-time information used to customize a web page. (Page 1, lines 32-39 and page 2, lines 1-10).

The invention recited in the claims offers advantages over such a CGI customized web page, including, but not limited to, better scaling to accommodate more users and decreasing wait time for users (Page 3, lines 7-12). The present application states that:

Each user process is provided access to a large region of shared memory which contains all of the live data needed to fill any user template. Typically, the pages served are news pages, giving the user a custom selection of stock quotes, news headlines, sports scores, weather, and the like. With the live data stored in a local shared memory, any custom page can be built within the page server, eliminating the need to make requests from other servers for portions of the live data. (Page 2, lines 33-38 and page 3, lines 1-3) (Emphasis added)

The Applicants respectfully submit that D'Arlach does not disclose or suggest "storing the real-time information in a shared local storage device," as recited in amended independent claims 10, 19 and 20. At least for the foregoing reasons, claims 11-14 and 21-24, which are respectively dependent thereon, are also patentable over D'Arlach. Thus, Applicants respectfully request that the rejection under 35 USC 102(e) be withdrawn, and claims 10-14 and 19-24 be put into immediate condition for allowance.

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Rejection of claims 15-18 and 25-28 under 35 U.S.C. 103(a)

The Office rejected claims 15-18 and 25-28 under 35 USC 103(a) as being unpatentable over D'Arlach et al. (US 6,026,433) in view of Gerace (US 5,848,396).

At least for the reasons given above for base claims 10, 19 and 20, D'Arlach and Gerace, alone or in combination, fail to disclose or suggest real-time information stored at a shared local storage device, or use of real-time information from the shared local storage device to generate individually customized pages. Consequently, claims 15-18 and 25-28 are patentable over D'Arlach and Gerace, and the Applicants respectfully request the rejection under 35 U.S.C. 103(a) be withdrawn.

Claims 11-14, 16-18, 20-24 and 26-28 are amended to correct grammar and syntax. No new matter is added.

Conclusion

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue. If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

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In the event the U.S. Patent and Trademark office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 324212009101. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

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Respectfully submitted,

By Katherine D. Lee
Katherine D. Lee

Registration No.: 44,865
MORRISON & FOERSTER LLP
425 Market Street
San Francisco, California 94105-2482
Telephone: (415) 268-6983
Facsimile: (415) 268-7522

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